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(71) Applicant (for all designated States except US): MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London, Greater London W1B 1AL (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): HIRST, Judy [GB/GB]; MRC Dunn Unit, Wellcome Trust / MRC Building, Hills Road, Cambridge, Cambridgeshire CB2 2XY (GB).

(74) Agents: BRASNETT, Adrian et al.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

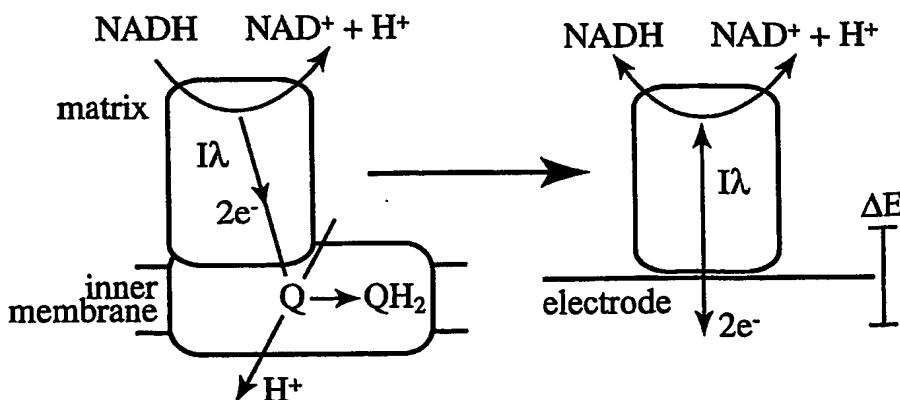
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(54) Title: PYRIDINE NUCLEOTIDE DEHYDROGENASE BASED BIOSENSOR ELECTRODES



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(57) Abstract: The invention provides an electrode for the electrochemically reversible interconversion of the oxidised and reduced versions of a pyridine nucleotide comprising: an electrically conducting surface; an isolated pyridine nucleotide dehydrogenase module of an enzyme; wherein said isolated pyridine nucleotide dehydrogenase module is applied to the electrically conducting surface. The isolated pyridine nucleotide dehydrogenase module may be the Iλ subcomplex of bovine mitochondrial NADH : ubiquinone oxidoreductase. Electrochemical cells comprising these electrodes are also provided by the invention.